ABSTRACT

A process for preparation of crystalline perindopril erbumine of formula (II)

which exhibits the X-ray (powder) diffraction pattern like that shown in figure 2

The process comprises reacting a solution of perindopril of formula (I),

in a solvent selected from N,N-dimethylformamide, dimethyl acetals of lower aliphatic aldehydes, dimethyl ketals of lower aliphatic ketones and 1, 2-dialkoxyethane with tertiary butylamine and crystallization of the erbumine salt thus obtained by heating the reaction mixture to reflux, filtering hot, cooling gradually to 20°C to 30°C, and further cooling to 0°C to 15°C for 30 minutes to 1 hour and finally filtering off and drying the crystals.